

IN THE CLAIMS

1. (currently amended) A method for treating cancer, comprising determining the weight of a patient diagnosed with cancer and determining a therapeutically effective dosage amount of arsenic trioxide based upon said weight of said a patient~~diagnosed with said cancer~~, and administering said therapeutically effective dosage amount to said patient.

2. (original) The method of Claim 1, wherein said cancer is a hematological cancer.

3. (original) The method of Claim 1, wherein said cancer is a leukemia.

4. (currently amended) A method for determining a dose of arsenic trioxide to treat cancer, comprising determining the weight of a patient diagnosed with cancer and determining a therapeutically effective dosage amount of said arsenic trioxide based upon said~~the~~ weight of said patient.

5. (original) The method of claim 4, wherein said cancer is a hematological cancer.

6. (original) The method of claim 4, wherein said cancer is a leukemia.

7. cancelled

8. cancelled

9. cancelled